AMENDMENT OF SOLICITATI	ON/MODIFICATI	ON OF CONT	RACT	1. Contract I	D Code Economic Pri	Page 1 Of 8	
2. Amendment/Modification No.	3. Effective Date	4. Requisition/Pure	hase Req		5. Project No.		
06	2004JAN23	SEE SCH	EDULE				
6. Issued By	Code W56HZV	7. Administered By		than Item 6)		Code	S1501A
TACOM WARREN BLDG 231		DCMA INDIA	IAPOLIS				
AMSTA-AQ-AHPC		EMMETT J. BI		R			
SHIRLEY GHARAGOZLOO (586)574-7163 WARREN, MICHIGAN 48397-5000		8899 E. 56TI		249-5701			
HTTP://CONTRACTING.TACOM.ARMY.MIL							
EMAIL: GHARAGOS@TACOM.ARMY.MIL			SCD B	PAS NONE	ADP P	Т но0337	
8. Name And Address Of Contractor (No., Stre	et, City, County, State and				nt Of Solicitation		
CUMMINS ENGINE COMPANY INC							
500 JACKSON STREET			-	9B. Dated (See	Itom 11)		
M/C 80960				3B. Dateu (See	item 11)		
COLUMBUS, IN. 47201-6258			Х	10A. Modificat	tion Of Contract	Order No.	
				DAAE07-96-D-	T024/0087		
TYPE BUSINESS: Large Business Perfo	rming in U.S.		1	10B. Dated (Se			
Code 15434 Facility Code				2003MAR06	2 2022 207		
11. T	HIS ITEM ONLY APPLI	ES TO AMENDMEN	TS OF SO	OLICITATION	S		
The above numbered solicitation is amend	led as set forth in item 14.	The hour and date s	pecified fo	or receipt of Off	fers		
is extended, is not extended.							
Offers must acknowledge receipt of this amo							
(a) By completing items 8 and 15, and return offer submitted; or (c) By separate letter or	-	of the amendments: (_		opy of the
ACKNOWLEDGMENT TO BE RECEIVED	D AT THE PLACE DESIG	NATED FOR THE	RECEIPT	OF OFFERS I	PRIOR TO THE	HOUR AND DA	
SPECIFIED MAY RESULT IN REJECTIO change may be made by telegram or letter, p							
opening hour and date specified.	orovided each telegram or	iettei makes reieren	e to the so	nicitation and t	ins amenument,	and is received p	or to the
12. Accounting And Appropriation Data (If red ACRN: AB NET INCREASE: \$.00	quired)						
ACRN. AB NEI INCREASE. \$.00							
	ITEM ONLY APPLIES T	O MODIFICATION	S OF CO	NTRACTS/ORI	DERS		
KIND MOD CODE: G	It Modifies The Contra	act/Order No. As Des	cribed In				
A. This Change Order is Issued Pursual The Contract/Order No. In Item 10.				The Ch	anges Set Forth	In Item 14 Are I	Made In
B. The Above Numbered Contract/Orde Set Forth In Item 14, Pursuant To T	er Is Modified To Reflect T		hanges (su	ich as changes i	in paying office,	appropriation da	ata, etc.)
X C. This Supplemental Agreement Is End	•		Agreemen	t of the Part	ties		
D. Other (Specify type of modification a	and authority)						
E. IMPORTANT: Contractor is not,	X is required to sign	this document and 1	eturn	C	copies to the Issu	ing Office.	
14. Description Of Amendment/Modification (<u> </u>				•	0	
SEE SECOND PAGE FOR DESCRIPTION							
Except as provided herein, all terms and condi	tions of the document refer	renced in item 9A or	10A, as he	retofore change	ed, remains unch	anged and in ful	ll force
and effect. 15A. Name And Title Of Signer (Type or print)	<u> </u>	16A Name	and Title (Of Contracting	Officer (Type or	nrint)	
20.2. Tume 11the Of Organi (Type of print)	•	ELLEN DEN	NIS	Y.MIL (586)57		r)	
15B. Contractor/Offeror	15C. Date Signed	16B. United				16C. Date Si	gned
		D		(GIGNED /		2001	TANCO
(Signature of person authorized to sign)	-	By(S	gnature o	/SIGNED/ f Contracting C	Officer)	2004	JAN23
NSN 7540-01-152-8070	ı	30-105-02	S		STANDARD FO	ORM 30 (REV. 1	0-83)

Reference No. of Document Being Continued

PIIN/SIIN DAAE07-96-D-T024/0087

MOD/AMD 06

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Name of Offeror or Contractor: CUMMINS ENGINE COMPANY INC

SECTION A - SUPPLEMENTAL INFORMATION

CONTRACT DAAE07-96-D-T024, DELIVERY ORDER 0087, MODIFICATION 06

DELIVERY ORDER FOR VTA903-T295 ENGINE REMANUFACTURE

PRIOR NET VALUE OF DELIVER ORDER: \$2,458,047.33

TOTAL THIS ACTION: \$ 0.00

NEW DELIVERY ORDER VALUE: \$2,458,047.33

- a. This is a bilateral modification issued to redirect system technical support funding from the engine Air Compressor to a Big Cam version of the 295HP engine for use in the M9ACE vehicle. Since Cummins' Air Compressor study produced no tangible results, it is mutually agreed that CLIN 0119AB be deleted. The funds are reassigned to new CLIN 0119AD with a Statement of Work authorizing Phase I of a replacement engine study.
- b. The aggregate change in the contract total is ZERO.
- c. All other terms and conditions remain unchanged.

*** END OF NARRATIVE A 007 ***

Reference No. of Document Being Continued PIIN/SIIN DAAE07-96-D-T024/0087 MOD/AMD 06

Page 3 of 8

Name of Offeror or Contractor: CUMMINS ENGINE COMPANY INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
0119AA	PRODUCTION QUANTITY	61	EA	\$_UNDEFINITIZED	\$2,388,350.50
	NOUN: ENGINE, DIESEL PRON: EH34E011EH PRON AMD: 07 ACRN: AA AMS CD: 060015				
	Description/Specs./Work Statement TOP DRAWING NR: N/A				
	P/N'S; V903-T295RXC (REFERENCE ONLY) 57K1880 (REFERENCE ONLY)				
	REMANUFACTURE/UPGRADE FROM CUMMINS 903-295PLAC0 TO CUMMINS 903-295PBAC0				
	OR				
	REMANUFACTURE CUMMINS 903-295PBAC0 TO CUMMINS 903-295PBAC0				
	TO BE RETURNED IN A REFURBISHED METAL CONTAINER FOR USE IN THE M9 ACE.				
	THIS IS A REMANUFACTURE/UPGRADE EFFORT. THE GOVERNMENT WILL BE PROVIDING THE CONTRACTOR WITH CORE. PRICE INCLUDES UPGRADE				
	TO 200 AMP ALTERNATOR WHERE NEEDED AND REFURBISHMENT OF PRM-1712 CONTAINER.				
	ENGINES NOT REQUIRING UPGRADE OR CORE ALTERNATOR REPLACEMENT ARE TO BE INVOICED AT A REDUCED UNIT PRICE.				
	ALTERNATOR NSN 2920-01-420-9968 IS AN ACCEPTABLE OPTION FOR THE 200 AMP CONVERSION.				
	(End of narrative C002)				
	Packaging and Marking UNIT PACK: 001				
	PRM-1712 Containers will be refurbished to TB-9-289. Instructions regarding special marking for rebuilt engines will NOT apply to remanufactured engines.				
	Marking of exterior pack to be shown in accordance with MIL-STD-129, Revision M.				
	(End of narrative E002)				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-96-D-T024/0087 MOD/AMD 06

Page 4 of 8

Name of Offeror or Contractor: CUMMINS ENGINE COMPANY INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Inspection and Acceptance				
	INSPECTION: Origin ACCEPTANCE: Origin				
	The place of performance and the				
	inspection/acceptance point for the				
	finished product (Engine in Container)				
	is as follows:				
	Indiana Research Institute				
	4571 Long Road				
	Columbus, IN 47203				
	(End of narrative F002)				
	Deliveries or Performance				
	DOC SUPPL				
	REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD				
	001 W56HZV2336U479 W25G1U J 1				
	DEL REL CD QUANTITY DEL DATE 001 30 31-DEC-2003				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS				
	(W25G1U) XU TRANSPORTATION OFFICER				
	DDSP NEW CUMBERLAND FACILITY				
	BUILDING MISSION DOOR 113 134 NEW CUMBERLAND PA 17070-5001				
	CONTRACT/DELIVERY ORDER NUMBER				
	DAAE07-96-D-T024/0087				
	DOC SUPPL				
	REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD				
	002 W56HZV2336U480 W45G19 J 3				
	DEL REL CD				
	FOB POINT: Origin				
	SHIP TO: FREIGHT ADDRESS				
	(W45G19) XR W390 RED RIVER MUNITIONS CTR				
	HIGHWAY 82 WEST CL V TPF				
	GATE 44 BLDG 184 TEXARKANA TX 75507-5000				
	12 / 330 / - 3000				
	CONTRACT/DELIVERY ORDER NUMBER				
	DAAE07-96-D-T024/0087				
	DELIVERY ACCELERATION IS ACCEPTABLE PROVIDED				
	THERE IS NO ADDITIONAL COST TO THE GOVERNMENT.				
	1		1		I

Reference No. of Document Being Continued PIIN/SIIN DAAE07-96-D-T024/0087 MOD/AMD 06

Page 5 of 8

Name of Offeror or Contractor: CUMMINS ENGINE COMPANY INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	(End of narrative F001)				
0119AB	DELETED				
0119AC	SERVICES LINE ITEM		EA		\$64,696.83
	NOUN: CONSUMPTION PARTS FOR REMAN PRON: EH34E011EH PRON AMD: 07 ACRN: AA AMS CD: 060015				
	Consumption parts as necessary to support the remanufacture of Line Item 0119AA for 61 each V903-T295 Diesel Engines. Consumption parts are detailed in Attachment 001.				
	(End of narrative C001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DLVR SCH PERF COMPL REL CD QUANTITY DATE 001 0 31-DEC-2003 \$ 64,696.83				
	LUMP SUM PAYMENT OF LINE ITEM 0119AC IS AUTHORIZED AS SHIPMENT AND INVOICING OF LINE ITEM 0119AA IS ALREADY COMPLETE. (End of narrative F001)				
0119AD	V903-T295 PRODUCT SUPPORT				\$5,000.00
	NOUN: V903-T295 BIG CAM REPLACEMENT PRON: P126A495EH PRON AMD: 01 ACRN: AB AMS CD: 53901110187				
	The Contractor is authorized to perform Phase I of a Big Cam engine replacement study for the V903-T295 Engine used in the M9ACE vehicle as outlined in the attached statement of work.				

Reference No. of Document Being Continued PIIN/SIIN DAAE07-96-D-T024/0087 MOD/AMD 06

Page 6 of 8

Name of Offeror or Contractor: CHIMMINS ENGINE COMPANY THE

TTENT NIA	or or Contractor: CUMMINS ENGINE COMPANY INC	OT A NUMBER 7	TINITE	LIMIT DRICE	AMOUNT
ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	(End of narrative B001)				
	Inspection and Acceptance				
	INSPECTION: Origin ACCEPTANCE: Origin				
	INDEBCTION OF OFFICE RECEFTANCE OF OFFICE				
	Deliveries or Performance				
	DLVR SCH PERF COMPL				
	REL CD QUANTITY DATE				
	001 0 31-JUL-2004				
	\$ 5,000.00				
	1	I	i		I

	CONTINUATION	CITE	E CE	R	eference No. of D	cur	nent Being Continued		Page 7 of 8		
	CONTINUATION	SHE	r i	PIIN/S	SIIN DAAE07-96-D	-T02	4/0087 MOD/AMD 06				
Name	Name of Offeror or Contractor: CUMMINS ENGINE COMPANY INC										
SECTION	G - CONTRACT ADMINIST	TRATION	DATA								
	PRON/										
LINE	AMS CD/		OBLG STAT/				INCREASE/DECREASE		CUMULATIVE		
<u>ITEM</u>	MIPR	<u>ACRN</u>	JOB ORD NO		PRIOR AMOUNT		AMOUNT		AMOUNT		
0119AB	P126A495EH	AB	2	\$	5,000.00	\$	-5,000.00	\$	0.00		
	53901110187		2ZWC01								
	A1205187EHM9										
0119AD	P126A495EH	AB	2	\$	0.00	\$	5,000.00	\$	5,000.00		
	53901110187		2ZWC01								
	A1205187EHM9										
					NET CHANGE	\$	0.00				
SERVICE	NET CHANGE						ACCOUNTING		INCREASE/DECREASE		
NAME	BY ACRN	ACCOL	JNTING CLASS	IFICATIO	<u>ON</u>		STATION		AMOUNT		
Army	AB	21	220350000261	D6D13P53	3901131E1 S2011	3	W56HZV	\$	0.00		
							NET CHANGE	\$	0.00		

INCREASE/DECREASE

AMOUNT 0.00

CUMULATIVE

OBLIG AMT

2,458,047.33

\$

PRIOR AMOUNT

2,458,047.33

NET CHANGE FOR AWARD: \$

OF AWARD \$

CONTINUATION SHEET

Reference No. of Document Being Continued
Page 8 of 8

PIIN/SIIN DAAE07-96-D-T024/0087 MOD/AMD 06

Name of Offeror or Contractor: CUMMINS ENGINE COMPANY INC

SECTION J - LIST OF ATTACHMENTS

List of Number

Addenda Title Date of Pages Transmitted By

Attachment 003 V903-T295 BIG CAM ENGINE REPLACEMENT STUDY 19-JAN-2004 00

 PIIN/SIIN
 DAAE07-96-D-T024/0087

 MOD/AMD
 06

 ATT/EXH ID
 Attachment 003

 PAGE
 1

Big Cam V903-T295 Scope Of Work

Phase I:

The contractor shall identify the changes and new hardware required to generate a Big Cam version of the 295 hp engine for use in the M9ACE vehicle. This effort may include analytical analysis and preliminary design of the modification hardware, as necessary.

A written report, in contractor format, shall be submitted to the Government NLT 45 days after completion of this effort. The report will discuss the hardware changes and/or modifications required for a Big Cam version of the current V903-T295 engine.

The duration of this phase shall not exceed 6 months. The Not to Exceed (NTE) Cost estimate for Phase I is \$5,000.

Phase II:

The contractor shall define the changes required for production development and testing a Big Cam version of the 295 hp engine for use in the M9ACE vehicle. The contractor's efforts may include analytical studies, design, drafting, procurement of, and testing of prototype hardware.

A report, in contractor format, outlining the changes necessary, and one prototype engine are to be delivered to the government NLT 60 days after the completion of this effort.

The duration of this phase shall not exceed 9 months from receipt of contract approval. The Cost estimate for Phase II is \$TBD

Phase III:

The contractor shall release for production a Big Cam version of the 295 hp engine for use in the M9ACE vehicle. The contractor shall provide written communication to the Government indicating availability of the engine once this work is completed.

The duration of this phase shall not exceed 3 months from receipt of contract approval. The Cost estimate for Phase III is \$TBD